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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Ali N. Saleh, H. Michael Zadikian, Zareh Baghdasarian, Vahid Parsi
Assignee:	Cisco Technology, Inc.
Title:	VIRTUAL PATH RESTORATION SCHEME USING FAST DYNAMIC MESH RESTORATION IN AN OPTICAL NETWORK
Serial No.:	09/750,668
Filed:	December 29, 2000
Examiner:	Unassigned
Group Art Unit:	2661
Docket No.:	CIS0008P4US

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Austin, Texas
September 23, 2003

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying PTO Form-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are not enclosed as all documents were previously cited by or submitted to the Patent Office. For the Examiner's convenience, the references have been categorized by the U. S. counterpart Application in which they were originally cited, detailed as follows:

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PATENTS

Cited in App. No. 09/232,397, entitled "A Method For Routing Information Over A Network" ATTY DKT. NO.CIS0008US	Cited in App. No. 09/751,653, entitled "Virtual Path Restoration Scheme Using Fast Dynamic Mesh Restoration In An Optical Network" ATTY DKT. NO. CIS0008C2US	Cited in App. No. 09/477,498, entitled "Method of Providing Network Services" ATTY DKT. NO. CIS0008P1US	Cited in App. No. 09/478,235, entitled "Method For Path Selection In A Network" ATTY DKT. NO. CIS0008P2US	Cited in App. No. 09/389,302, entitled "Network Addressing Scheme For Reducing..." ATTY DKT. NO. CIS0008P3US
1. 5,049,871	1. 5,412,376	1. 5,933,425	1. 5,596,722	1. 5,781,528
2. 5,737,319	2. 5,590,118	2. 6,097,722	2. 5,687,167	2. 6,097,696
3. 5,920,257	3. 5,835,696	3. 6,154,778	3. 5,805,593	3. 6,115,753
4. 5,999,286	4. 5,959,972	4. 6,259,673	4. 5,884,297	4. 6,272,107
5. 6,011,780	5. 5,987,526	5. 6,301,244	5. 6,041,049	5. 6,463,062
6. 6,041,037	6. 6,282,170	6. 6,347,078	6. 6,130,881	
7. 6,075,766			7. 6,370,119	
8. 6,075,775			8. 6,400,681	
9. 6,130,876			9. 6,504,845	
10. 6,134,671				
11. 6,222,653				
12. 6,292,464				
13. 6,324,162				
14. 6,457,050				

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OTHER ART

Cited in App. No. 09/232,397, entitled "A Method For Routing Traffic Over A Network" ATTY DKT. NO.CIS0008US
1. Ali Saleh, H. Michael Zadikian, Zareh Baghdasarian, Vahid Parsi, "A Method For Routing Information Over A Network," filed January 15, 1999, Serial No. 09/232,397.
2. H. Michael Zadikian; Steven E. Plote, John C. Adler, David Parish Autry, Ali Saleh, "Method of Providing Network Services", filed January 4, 2000; Serial No. 09/477,498.
3. Ali Saleh, "A Method For Path Selection In A Network", filed January 4, 2000; Serial No. 09/478,235.
4. Ali N. Saleh and Stevan E. Plote, "A Network Addressing Scheme For Reducing Protocol Overhead In An Optical Network", filed September 2, 1999; Serial No. 09/389,302.
5. Ali Saleh, H. Michael Zadikian; John C. Adler, Zareh Baghdasarian, Vahid Parsi, "Configurable Network Router", filed January 15, 1999; Serial No. 09/232,395.
6. Ali N. Saleh, Douglas E. Duschatko, Lane Byron Quibodeaux, "Method And Apparatus For A Rearrangeably Non-Blocking Switching Matrix", filed January 4, 2000; Serial No. 09/477,166.
7. H. Michael Zadikian, Ali Saleh; John C. Adler, Zareh Baghdasarian, Vahid Parsi, "A Resource Management Protocol For A Configurable Network Router", filed January 4, 2000; Serial No. 60/174,323.
8. Ronald Alan Russell and Michael Kevin Anthony, "A Method And Apparatus For Isolating Faults In A Switching Matrix", filed January 4, 2000; Serial No. 09/477,217.

9. H. Michael Zadikian, Ali Saleh, John C. Adler, Zareh Baghdasarian, Vahid Parsi, "A Method of Allocating Bandwidth in an Optical Network" (as amended), filed January 15, 1999, Serial No. 09/232,396.
10. The ATM Forum Technical Committee, "Interim Inter-switch Signaling Protocol (IISP) Specification v1.0", af-pnni-0026.000, December 1994, pgs. 1-34.
11. The ATM Forum Technical Committee, "Private Network-Network Interface Specification Version 1.0 (PNNI 1.0), afpnni-0055.000, March 1996, pgs. v-xviii, pgs. 19, 1-366.
12. The ATM Forum Technical Committee, "Private Network-Network Interface Specification Version 1.0 Addendum (Soft PVC MIB), af-pnni-0066.000, September 1996.
13. The ATM Forum Technical Committee, "Addendum to PNNI V1.0 for ABR parameter negotiation, af-pnni-0075.000, January 1997.pgs. 2-3.
14. The ATM Forum Technical Committee, "PNNI V1.0 Errata and PICS, af-pnni-0081.000, May 1997, pgs. 2-224.
15. J. Moy, "OSPF Version 2", Ascend Communications, Inc., April 1998.
16. K. Murakami, et al., "A MAPOS version 1 Extension - Switch-Switch Protocol", NTT Laboratories, June 1997.
17. F. Baker, et al., "OSPF Version 2 Managermernt Information Base", Cisco Systems, November 1995
18. F. Baker, et al., "PPP Bridging Control Protocol (BCP)", IBM, June 1994.
19. E. Decker, "Definitions of Managed Objects for Bridges", Cisco Systems, Inc., July 1993.

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Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;

2. a representation that a search has been made; or

3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on September 23, 2003.

Attorney for Applicant(s) — Date of Signature: 9-23-03

Respectfully submitted,

Justin M. Dillon
Attorney for Applicant(s)
Reg. No. 42,486

U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Serial No.
	CIS0008P4US	09/750,668
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant(s)	
(Use several sheets if necessary)	Ali N. Saleh et al.	
	Filing Date	Group
	December 29, 2000	2661

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U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,049,871	Sep. 17, 1991	Sturgis et al.	370	224	
	AB	5,412,376	May 2, 1995	Chujo et al.	340	825.1	
	AC	5,590,118	Dec. 31, 1996	Nederlof	370	218	
	AD	5,596,722	Jan. 21, 1997	Rahnema	395	200	
	AE	5,687,167	Nov. 11, 1997	Bertin et al.	370	254	
	AF	5,737,319	Apr. 7, 1998	Croslin et al.	370	255	
	AG	5,781,528	Jul. 14, 1998	Sato et al.	370	218	
	AH	5,805,593	Sep. 8, 1998	Busche	370	396	
	AI	5,835,696	Nov. 10, 1998	Hess	395	182.08	
	AJ	5,884,297	Mar. 16, 1999	Noven	707	1	
	AK	5,920,257	Jul. 6, 1999	Commerford	340	506	

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	AQ	Ali Saleh, H. Michael Zadikian, Zareh Baghdasarian, Vahid Parsi , "A Method For Routing Information Over A Network", filed January 15, 1999, Serial No. 09/232,397.
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	AU	Ali Saleh, H. Michael Zadikian; John C. Adler, Zareh Baghdasarian, Vahid Parsi, "Configurable Network Router", filed January 15, 1999; Serial No. 09/232,395.
	AV	Ali N. Saleh, Douglas E. Duschatko, Lane Byron Quibodeaux, "Method And Apparatus For A Rearrangeably Non-Blocking Switching Matrix", filed January 4, 2000; Serial No. 09/477,166.
	AW	H. Michael Zadikian, Ali Saleh; John C. Adler, Zareh Baghdasarian, Vahid Parsi, "A Resource Management Protocol For A Configurable Network Router", filed January 4, 2000; Serial No. 60/174,323.

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U.S. Patent Documents

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	AA	5,933,425	Aug. 3, 1999	Iwata	370	351	
	AB	5,959,972	Sep. 28, 1999	Hamami	370	228	
	AC	5,987,526	Nov. 16, 1999	Morales	709	249	
	AD	5,999,286	Dec. 7, 1999	Venkatesan	359	117	
	AE	6,011,780	Jan. 4, 2000	Vaman et al.	370	237	
	AF	6,041,037	Mar. 21, 2000	Nishio et al.	370	228	
	AG	6,041,049	Mar. 21, 2000	Brady	370	351	
	AH	6,075,766	Jun. 13, 2000	Croslin	370	225	
	AI	6,075,775	Jun. 13, 2000	Ueki	370	248	
	AJ	6,097,696	Aug. 1, 2000	Doverspike	370	216	
	AK	6,097,722	Aug. 1, 2000	Graham et al.	370	395	

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	AQ	Ronald Alan Russell and Michael Kevin Anthony, "A Method And Apparatus For Isolating Faults In A Switching Matrix", filed January 4, 2000; Serial No. 09/477,217.
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	AT	The ATM Forum Technical Committee, "Private Network-Network Interface Specification Version 1.0 (PNNI 1.0), afpnni-0055.000, March 1996, pgs. v-xviii, pgs. 19, 1-366.
	AU	The ATM Forum Technical Committee, "Private Network-Network Interface Specification Version 1.0 Addendum (Soft PVC MIB), af-pnni-0066.000, September 1996.
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	AB	6,130,876	Oct. 10, 2000	Chaudhuri	370	228	
	AC	6,130,881	Oct. 10, 2000	Stiller et al.	370	238	
	AD	6,134,671	Oct. 17, 2000	Commerford et al.	714	4	
	AE	6,154,778	Nov. 28, 2000	Koistinen et al.	709	228	
	AF	6,222,653	Apr. 24, 2001	Asahi	359	110	
	AG	6,259,673	Jul. 10, 2001	Yoshihara et al.	370	238	
	AH	6,272,107	Aug. 7, 2001	Rochberger et al.	370	216	
	AI	6,282,170	Aug. 28, 2001	Bentall et al.	370	225	
	AJ	6,292,464	Sep. 18, 2001	Elahmadi et al.	370	223	
	AK	6,301,244	Oct. 9, 2001	Huang et al.	370	351	

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	AR	K. Murakami, et al., "A MAPOS version 1 Extension - Switch-Switch Protocol", NTT Laboratories, June 1997.
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	AA	6,324,162	Nov. 27, 2001	Chaudhuri	370	225	
	AB	6,370,119	Apr. 9, 2002	Basso et al.	370	252	
	AC	6,347,078	Feb. 12, 2002	Narvaez-Guarnieri et al.	370	230	
	AD	6,400,681	June 4, 2002	Bertin et al.	370	218	
	AE	6,457,050	Sep. 24, 2002	Cowan et al.	709	224	
	AF	6,463,062	Oct. 8, 2002	Buyukkoc et al.	370	395.1	
	AG	6,504,845	Jan. 7, 2003	Petersen et al.	370	412	
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	AI						
	AJ						
	AK						

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